

Converting Colors

YUV(95.9980, -30.5650, 3.5098)

Have a look what the booklet for
YUV(95.9980, -30.5650, 3.5098)
contains.

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Color

**YUV(95.9980, -30.5650,
3.5098)**

Conversions

Conversions Part 1

Format	Color
Hex	646A22
RGB	100, 106, 34
RGB Percent	39%, 42%, 13%
CMY	0.6078, 0.5843, 0.8667
CMYK	0.06, 0.00, 0.68, 0.58
HSL	65°, 51%, 27%
HSV	65°, 68%, 42%
XYZ	10.6983, 13.1329, 3.4844
YIQ	95.9980, 19.5360, -23.6640

Conversions

Conversions Part 2

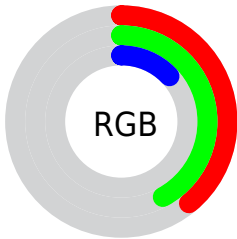
Format	Color
R_{YB}	34, 106, 40
Decimal	6580770
CIE _{Lab}	42.96, -12.74, 38.16
CIE _{LCh}	43, 40.232, 108.455
Yxy	13.1329, 0.3917, 0.4808
Android (android.graphics.Color)	4284770850 (0xFF646A22)
YUV	95.9980, -30.5650, 3.5098
Hunter-Lab	36.2393, -10.7234, 19.6668

Details

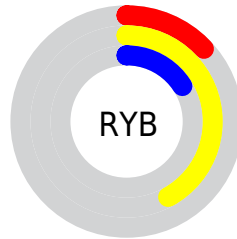
The YUV color **95.9980, -30.5650, 3.5098** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **44.0020, 30.5650, -3.5098**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3680, -31.7334, 4.9393**, and **49.8820, -24.5918, 0.9805** is the 20% darker color. If you saturate the color by 10%, you get **94.4450, -35.2224, 3.9947**, and if you desaturate by 10%, it is **97.5510, -25.9076, 3.0248**.

Distribution



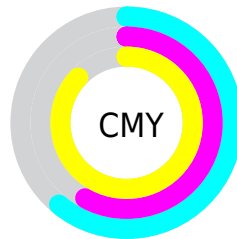
- Red (39%)
- Green (42%)
- Blue (13%)



- Red (13%)
- Yellow (42%)
- Blue (16%)



- Cyan (6%)
- Magenta (0%)
- Yellow (68%)
- Black (58%)



- Cyan (61%)
- Magenta (58%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.9980, -30.5650, 3.5098 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 95.9980, -30.5650, 3.5098 by changing the saturation by 10% instead.

95.9980, -30.5650,
3.5098

95.9980, -30.5650,
3.5098

255.0000, 0.0000,
0.0000

71.3570, -31.7280,
3.1949

147.3680,
-31.7334, 4.9393

49.8820, -24.5918,
0.9805

174.1400,
-32.6070, 5.1392

29.7920, -14.6875,
-2.4486

201.9120,
-33.4806, 5.3392

10.5660, -5.2090,
-9.2664

230.0970,
-34.0648, 6.0539

0.0000, 0.0000,
0.0000

247.3620,
-29.2655, 6.6985

250.5540,

-17.0351, 3.8991

253.8600, -4.3680,
0.9998

95.9980, -30.5650,
3.5098

95.9980, -30.5650,
3.5098

94.4450, -35.2224,
3.9947

97.5510, -25.9076,
3.0248

93.0060, -39.4430,
4.3797

98.9900, -21.6871,
2.6398

91.4530, -44.1003,
4.8647

100.5430,
-17.0297, 2.1548

91.2250, -44.9739,
5.0647

101.9820,
-12.8091, 1.7698

103.2360, -8.0043,
0.6700

■ 104.7890, -3.3470,
0.1850

■ 106.2280, 0.8736,
-0.2000

■ 107.7810, 5.5310,
-0.6849

■ 109.2200, 9.7515,
-1.0699

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98.6960, -32.3881, 28.3306



95.9980, -30.5650, 3.5098



90.8400, -17.6691, -26.1697

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.9980, -30.5650, 3.5098



84.7190, 32.6765, -74.2986



102.7190, 6.5475, 46.7274

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95.9980, -30.5650, 3.5098



44.0020, 30.5650, -3.5098

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.5230, 20.4482, 21.4663



95.9980, -30.5650, 3.5098



82.9070, 40.9648, -72.7094

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.9980, -30.5650, 3.5098



83.0600, 18.7044, -72.8436



100.2560, 31.9188, -17.7645



100.9360, -9.3354, 54.4301

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.9980, -30.5650, 3.5098



80.9420, -2.4364, -58.7081



100.2560, 31.9188, -17.7645



103.6410, 11.5160, 39.7798

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



95.9980, -30.5650, 3.5098



133.9110, -11.7881, 0.9551



59.0500, -12.3496, 41.1752



66.4640, -7.1308, 0.4701



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9980, -30.5650, 3.5098



122.1280, -47.8841, 5.1497



85.2340, -25.2584, -18.6222



53.0170, -2.4734, -0.0149



100.9710, -49.7787, 6.1644



210.7910, -103.9200, 11.5843

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.0020, 30.5650, -3.5098



40.5730, 48.0315, -5.7645



54.7660, 25.2584, 18.6222



48.9830, 2.4734, 0.0149



16.3280, 49.6313, -5.5497



33.9100, 104.0674, -12.1991

Previews

White Background



This preview shows how the YUV color 95.9980, -30.5650, 3.5098 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 95.9980, -30.5650, 3.5098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

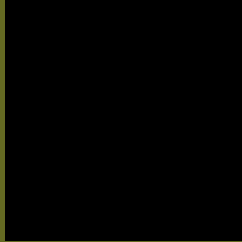
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.9980, -30.5650, 3.5098

Background



This preview shows how black text looks on a background with the YUV color 95.9980, -30.5650, 3.5098.



This preview shows how white text looks on a background with the YUV color 95.9980, -30.5650,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.9980, -30.5650, 3.5098

Protanopia

97.7220, -31.9079, 14.2758

Deuteranopia

98.5430, -30.3407, 24.9568



Tritanopia

102.3040, 2.3151, 4.1184

Trichromacy



Original Color

95.9980, -30.5650, 3.5098

Protanomaly

96.8140, -31.4603, 10.6871

Deuteranomaly

97.7870, -30.4610, 16.8498

Tritanomaly

100.0900, -9.9044, 3.4291

Monochromacy



Original Color

95.9980, -30.5650, 3.5098

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0250, -11.3513, 0.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9980, -30.5650, 3.5098 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(100, 106, 34)` looks like.

```
.text, #text, p{  
    color:rgb(100, 106, 34)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(100, 106, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 106, 34) }
```

Border

The CSS property to change the border of an element to YUV 95.9980, -30.5650, 3.5098 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(100, 106, 34) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(100, 106, 34) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(100, 106, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 106, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 106, 34);  
box-shadow:4px 4px 4px 4px rgb(100, 106,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 95.9980, -30.5650, 3.5098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 106, 34) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(100,  
106, 34) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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